

**TRANSMITTAL OF FORMAL DRAWINGS**

(In Response to Notice of Informal Drawings)

Docket No.  
C001 CP P00471-US2In Re Application Of: **McCULLOUGH, Kevin A.**

Serial No.	Filing Date	Batch No.	Examiner	Art Unit
10/605,145	09/11/2003	Confirm: 2144	LAMB, Brenda A.	1734

Invention: **NOZZLE INSERT FOR LONG FIBER COMPOUNDING**Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450In response to the NOTICE OF INFORMAL DRAWINGS mailed on 11/17/2004 attached please find:  
(date)

(a) 3 sheets of formal drawing(s) for this application.

☒ Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c).

(b) A copy of the NOTICE OF INFORMAL DRAWINGS.

Signature

David R. Josephs  
Reg. No. 34,632  
Barlow, Josephs & Holmes, Ltd.  
101 Dyer Street, 5th Floor  
Providence, RI 02903  
Tel: 401-273-4446  
Fax: 401-273-4447  
email: drj@barjos.com

Dated:

Nov. 30, 2004

I certify that this document and attached drawings are  
being deposited on 12/1/04 with the U.S.  
Postal Service as first class mail under 37 C.F.R. 1.8 and  
addressed to the Commissioner for Patents, P.O. Box  
1450, Alexandria, VA 22313-1450.

  
Signature of Person Mailing Correspondence

Cynthia M. Branca

Typed or Printed Name of Person Mailing Correspondence



### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Tetreault on 11/09/2004.

The application has been amended as follows: at line 3 of at line 6 of claim 1 after "a trailing edge" delete "," and insert – wherein said injection molding die further comprising a fiber feed tube extending through said septum wall with an input end on the --; delete line 7 of claim 1; at line 3 of claim 1 after "an injection molding die having" insert – an outer wall having an outer surface, --; at line 8 of claim 1 delete "exterior of said head" and insert – on the outer surface --; at line 11 of claim 1 after "injection molding die" insert – such that said pressurized flow of molten polymer is deposited on a continuous strand of fiber reinforcing guided by said fiber feed tube through said injection molding die thereby producing a reinforced thermoplastic material --; at line 5 of claim 3 after "first direction on said" delete "fiber reinforcing strand" and insert -- continuous strand of fiber reinforcing --; at line 5 of claim 2 after "separates said linear flow into" delete "said two" and insert – two continuous -- ; at line 6 of claim 2 after "said two continuous" insert –separate --; at line 6 of claim 2 after "to eliminate turbulence" insert – thereby forming two continuous linear non-turbulent flows of molten polymer --; at line 3 of claim 3 after "said output end" insert – of said injection molding die --; at line

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4 of claim 5 after "material flow channel" delete "between said input end and said output ends" and insert – defined by inner facing surface of said outer wall and extending from said input end to said output end, said material flow channel having --; at line 6 of claim 1 after "adjacent to said output end" delete ";" and insert – wherein said injection molding die further comprising a fiber feed tube having a first end arranged on outer facing surface of said outer wall --; delete line 7 of claim 5; at line 8 of claim 5 delete "injection molding die"; at line 13 of claim 5 after "linear fashion" and insert – along its linear longitudinal axis --; at line 13 of claim 5 after "of said material flow channel" insert – and wherein said fiber feed tube has a longitudinal axis and a portion of said longitudinal axis of said fiber feed tube is in alignment with said linear longitudinal axis of said material flow channel --; at line 11 of claim 5 after "injection molding die" insert – such that said pressurized flow of molten polymer is deposited on a continuous strand of fiber reinforcing guided by said fiber feed tube through said injection molding die thereby producing a reinforced thermoplastic material --; cancel claim 7.

In the specification at paragraph 0001 on line 2 after "09/951,805," insert – now US Patent No. 6,783,716, --; at paragraph 0020 on line 8 after "plunger assembly" delete "(now shown)" and insert –100 --.

The following changes to the drawings have been approved by the examiner and agreed upon by applicant: black box to depict the means for injecting a pressurized flow of molten polymer material into said injection molding die (see the attachment). In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

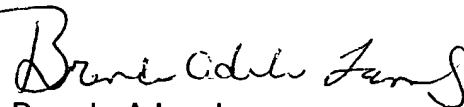
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The examiner has amended the continuation data to include priority to provisional application: at paragraph 0001 on line 2 after "September 13, 2001" and insert – which claims priority under 35 U.S.C. 119(e) to provisional application 60/236,486, filed September 29, 2000 --

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda A Lamb whose telephone number is (571) 272-1231. The examiner can normally be reached on Monday and Wednesday-Friday with alternate Tuesdays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Fiorilla can be reached on (571) 272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Brenda A Lamb  
Examiner  
Art Unit 1734